

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A pre-filled and disposable needleless injection device, comprising:

a body supporting or delimiting a plurality of elements forming a circuit of elements, the circuit comprising:

an initiation device,
a pyrotechnic gas-generating charge,
a reservoir containing an active principle which is to be injected and a system for injecting the active principle,
the body comprising a housing situated in the circuit of elements,
the pyrotechnic charge being contained in a pyrotechnic cartridge, and
the housing accommodating the pyrotechnic cartridge,
wherein the housing, the circuit of elements being in an assembled state, is accessible from the outside so that the pyrotechnic cartridge can be inserted into the housing directly in the circuit of elements, independently of the other elements.
2. (Previously Presented) The device as claimed in claim 1, the body further comprising an opening communicating with the housing.
3. (Previously Presented) The device as claimed in claim 2, wherein the cartridge, once in place in the housing, closes off the opening in a manner that is sealed with respect to the outside.
4. (Previously Presented) The device as claimed in claim 1, wherein the housing is placed between the initiation device and the reservoir containing the liquid active principle.

5. (Previously Presented) The device as claimed claim 1, wherein the circuit of elements follows the shape of an inverted U comprising two parallel branches joined together via a perpendicular transverse branch.

6. (Previously Presented) The device as claimed in claim 5, wherein the cartridge is inserted into the circuit at right angles to an axis of symmetry of the U formed by the circuit.

7. (Previously Presented) The device as claimed in claim 5, wherein the cartridge is L-shaped and once inserted, the L-shape of the cartridge follows a right angle present between one of the parallel branches of the inverted U formed by the circuit and the transverse branch.

8. (Previously Presented) The device as claimed in claim 1, wherein the cartridge has the shape of an L-shaped duct in which the pyrotechnic charge is placed, the L-shaped duct being plugged at one end by a primer and at the other end by a frangible diaphragm.

9. (Previously Presented) The device as claimed in claim 1, the device for initiating the pyrotechnic charge further comprising a percussion device for striking a primer.

10. (Previously Presented) The device as claimed in claim 9, wherein the housing in the body, able to accommodate the cartridge, is placed between the percussion device and an expansion chamber for the gases, the expansion chamber being situated upstream of the reservoir.

11. (Previously Presented) The device as claimed in claim 10, the body further comprising a first hollow part and a second hollow part which are arranged along two parallel axes and connected by a duct, this duct delimiting the housing for the cartridge and the expansion chamber for the gases.

12. (Previously Presented) The device as claimed in claim 11, wherein the cartridge is placed in the housing in the body in such a way that the primer is situated along an axis of the percussion device and that the diaphragm is situated along an axis of the gas expansion chamber.